Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1457869

Luminaire Tested: GLAN-SB7C-840-U-T2LG-HSS

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1457869
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7C-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	36897.1 lumens
Efficiency:	N/A
Efficacy:	105.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	350.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1457869
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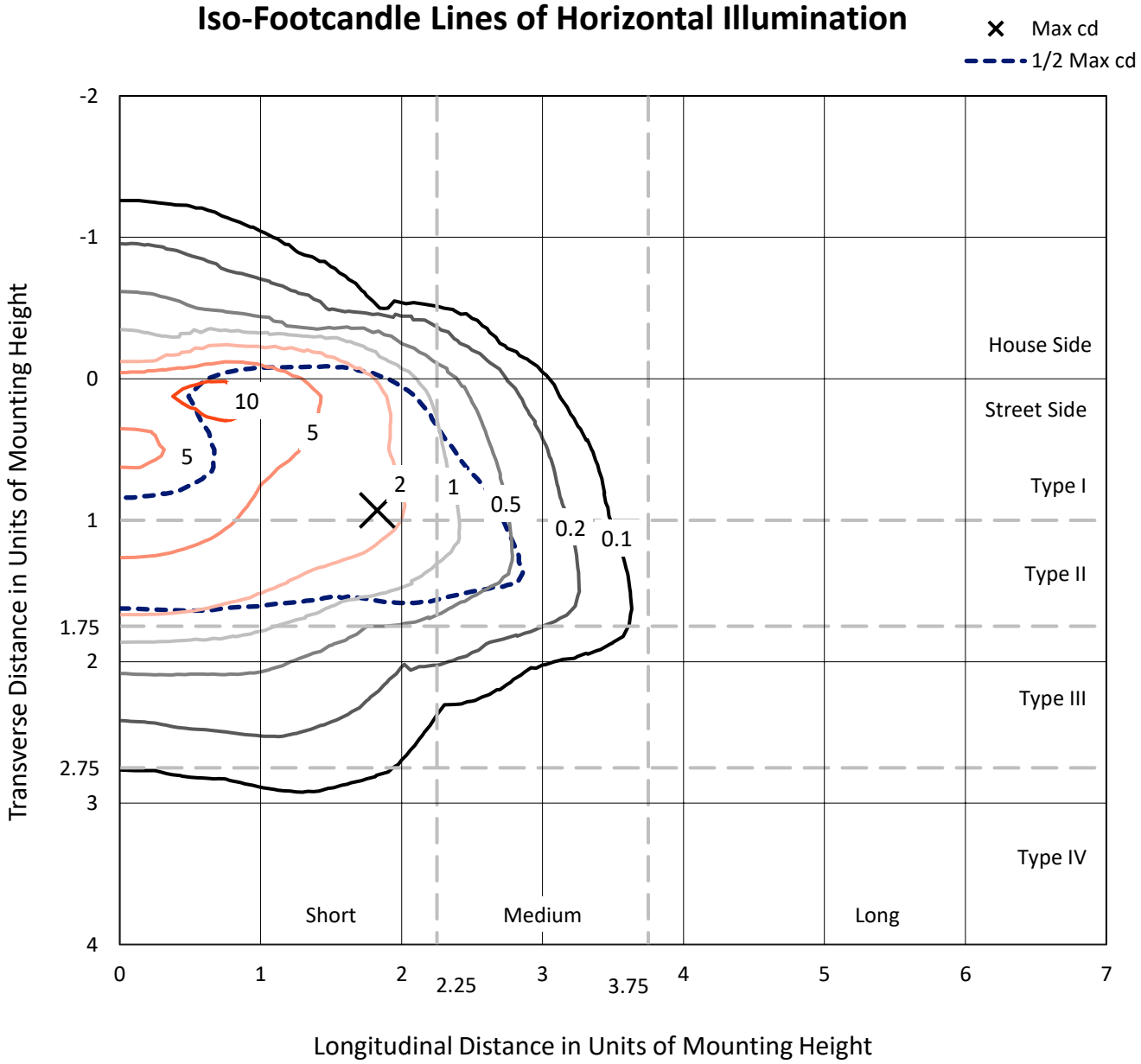
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 11.8 fc
Type II - Short - N/A

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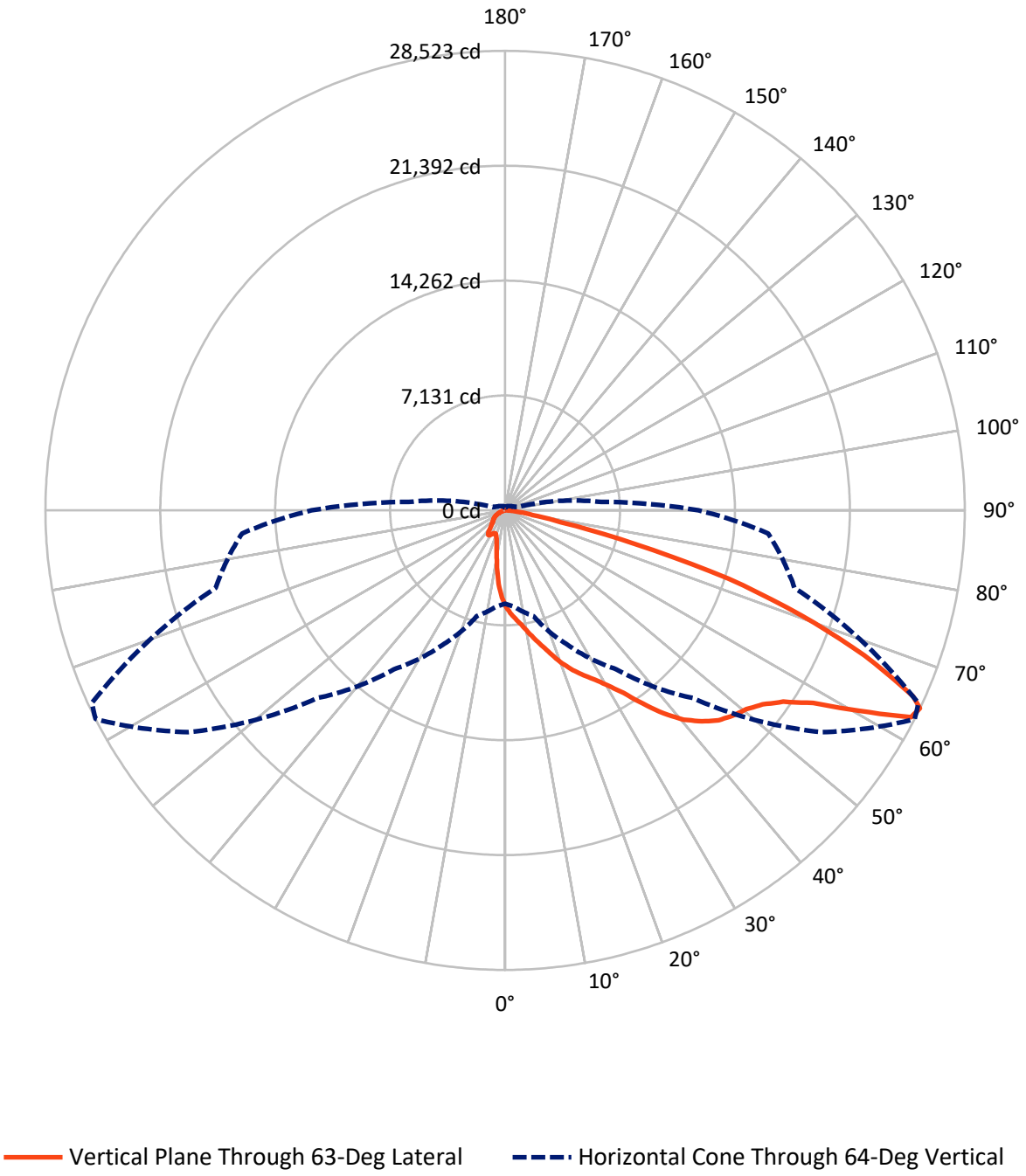
Luminous Intensity Polar Plot



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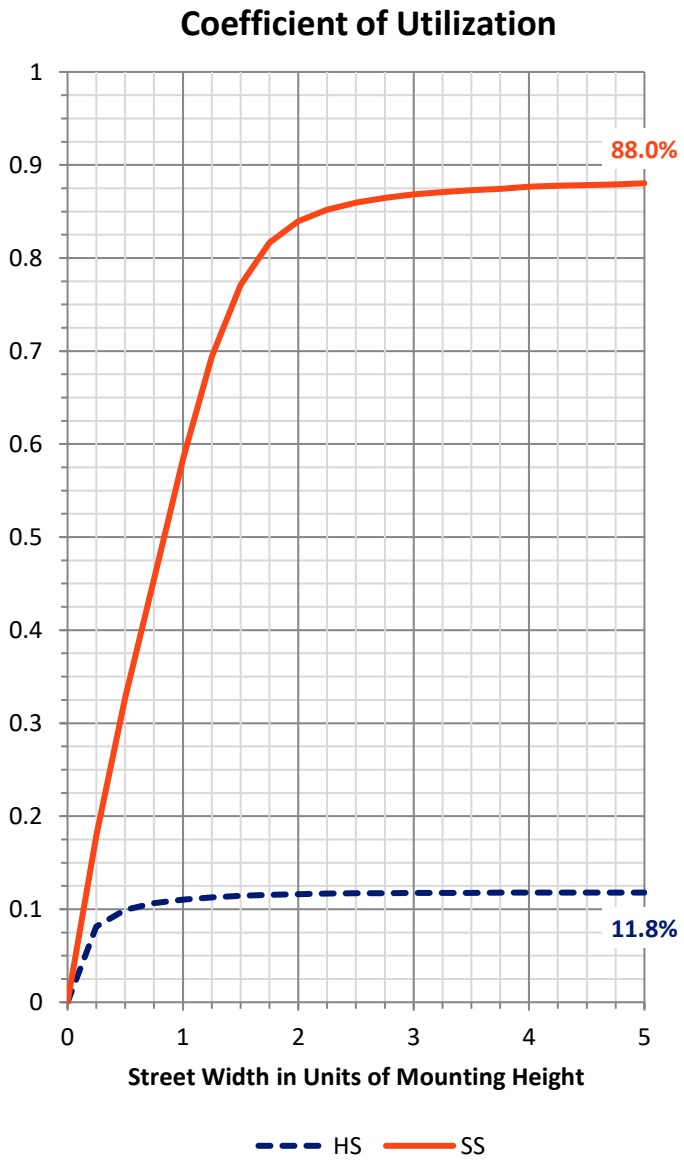
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4378.5	0.0	4378.5
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	32518.6	0.0	32518.6
	% Fixture	88.1	0.0	88.1
Total	Lumens	36897.1	0.0	36897.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	502.4	1.4
10°-20°	1411.8	3.8
20°-30°	2514.4	6.8
30°-40°	4802.4	13.0
40°-50°	7960.3	21.6
50°-60°	9922.5	26.9
60°-70°	7398.9	20.1
70°-80°	2122.0	5.8
80°-90°	262.4	0.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	36897.1	100.0
0°-180°	36897.1	100.0



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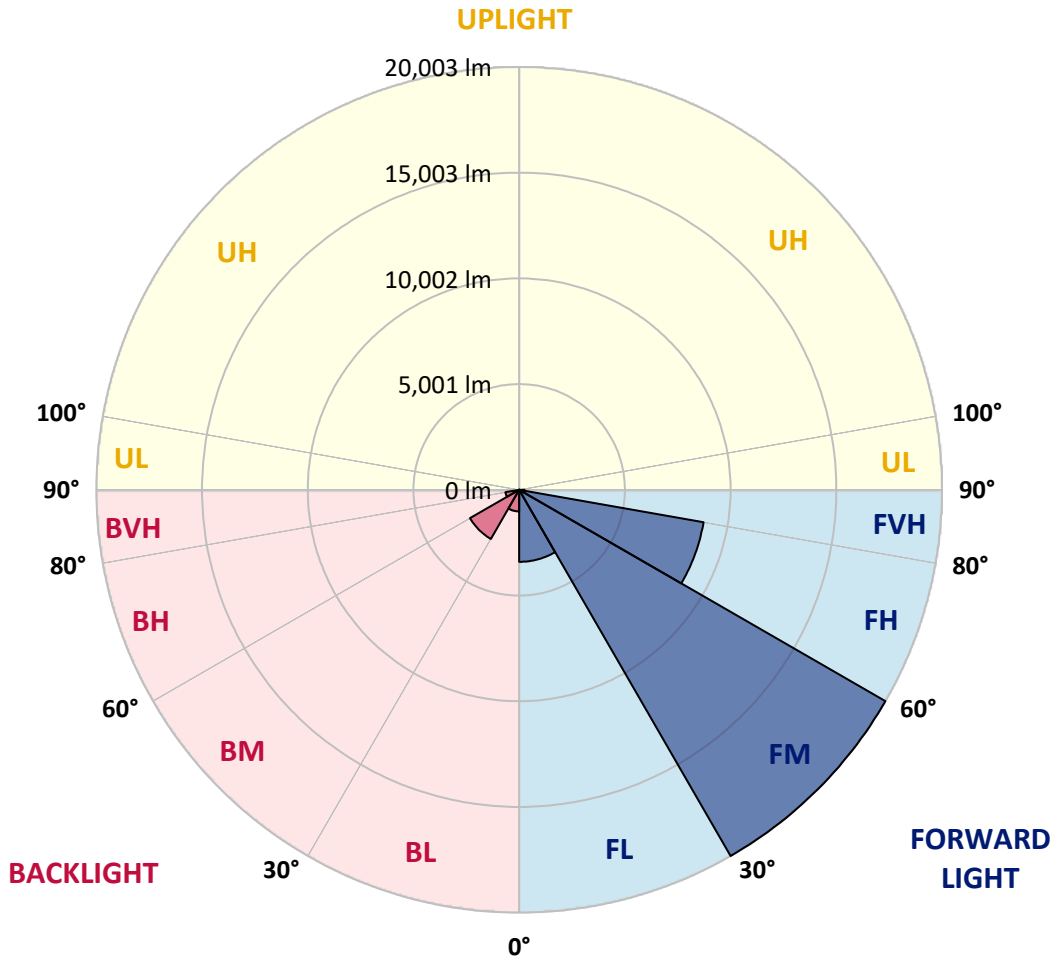
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3407.0	9.2			
FM	(30°-60°)	20003.4	54.2			
FH	(60°-80°)	8858.7	24.0			G4/12000
FVH	(80°-90°)	249.5	0.7			G3/500
BL	(0°-30°)	1021.5	2.8	B3/2500		
BM	(30°-60°)	2681.9	7.3	B3/5000		
BH	(60°-80°)	662.2	1.8	B2/1000		G2/1000
BVH	(80°-90°)	12.9	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	5965.8	5965.8	5965.8	5965.8	5965.8	5965.8	5965.8	*5965.8*	5965.8	5965.8	5965.8
2.5°	6685.3	6663.1	6641.0	6607.8	6563.5	6519.2	6463.9	*6386.4*	6353.2	6242.5	6109.7
5°	7028.4	7028.4	7017.3	6995.2	6973.0	6928.8	6862.4	*6762.7*	6718.5	6563.5	6331.1
7.5°	7116.9	7128.0	7161.2	7205.5	7271.9	7260.8	7260.8	*7150.1*	7128.0	6962.0	6652.1
10°	6962.0	6973.0	7061.6	7183.3	7382.6	7570.7	7703.5	*7637.1*	7603.9	7437.9	7050.5
12.5°	6740.6	6740.6	6884.5	7072.7	7382.6	7736.8	8124.1	*8190.6*	8201.6	8013.5	7548.6
15°	6165.1	6187.2	6419.6	6795.9	7305.1	7858.5	8511.5	*8766.1*	8832.5	8710.8	8157.3
17.5°	5401.3	5423.5	5655.9	6165.1	6928.8	7858.5	8843.6	*9430.2*	9518.8	9540.9	8932.1
20°	5080.4	5080.4	5213.2	5600.6	6397.5	7648.2	9042.8	*10138.6*	10337.8	10581.3	9784.4
22.5°	5124.6	5124.6	5202.1	5423.5	6065.4	7360.4	9164.6	*10769.5*	11179.0	11798.8	10880.2
25°	5368.1	5368.1	5434.5	5578.4	6098.6	7316.2	9397.0	*11334.0*	11987.0	13160.2	12130.9
27.5°	5755.5	5744.5	5799.8	5943.7	6419.6	7526.5	9784.4	*11898.4*	12628.9	14687.7	13569.8
30°	6320.0	6286.8	6308.9	6475.0	6939.8	8013.5	10348.9	*12617.9*	13359.5	16359.0	15163.6
32.5°	7626.1	7615.0	7294.0	7205.5	7703.5	8799.3	11123.7	*13514.4*	14344.5	18129.9	16801.7
35°	9983.6	10138.6	9684.8	8522.6	8622.2	9850.8	12230.5	*14731.9*	15495.6	20011.5	18583.7
37.5°	12374.4	12374.4	12186.2	10813.7	10116.4	11013.0	13425.9	*15982.6*	16779.6	21527.9	20299.3
40°	14267.1	14366.7	14145.3	13116.0	12208.4	12341.2	14621.2	*17078.4*	17808.9	22457.6	21516.8
42.5°	15672.7	15650.6	15562.1	14886.9	14377.7	14078.9	15705.9	*17897.5*	18594.8	22933.5	22280.5
45°	17189.1	17189.1	17067.3	16513.9	16093.3	15838.8	16513.9	*18583.7*	19314.2	23221.3	22756.5
47.5°	18771.9	18749.7	18628.0	18019.2	17565.4	17189.1	17333.0	*19026.4*	19756.9	23033.2	22833.9
50°	19159.3	19137.1	19413.8	19436.0	19026.4	18307.0	17986.0	*19402.8*	20044.7	23044.2	23077.4
52.5°	18705.5	18838.3	19247.8	19745.9	20210.7	19458.1	18683.3	*20000.4*	20664.5	23354.1	23686.2
55°	17576.5	17631.8	18417.7	19214.6	20299.3	20564.9	19801.2	*20952.3*	21538.9	23653.0	24228.5
57.5°	15473.5	15683.8	16525.0	17908.5	19557.7	20664.5	21749.2	*22546.2*	22988.9	23774.7	23929.7
60°	11677.1	11787.8	13614.0	15407.1	18019.2	19867.6	23564.4	*25246.8*	25191.5	22402.3	21837.8
62.5°	7105.9	7205.5	8511.5	11356.1	14643.4	18207.4	24173.2	*28268.5*	27969.6	20089.0	18384.5
64°	*5788.7*	*5976.9*	*6784.9*	*9219.9*	*12042.3*	*16469.7*	*23996.1*	*28523.0*	*28290.6*	*18594.8*	*16381.1*
65°	4947.5	5202.1	6032.2	8002.4	10238.2	14599.1	23509.1	*27814.7*	27659.7	17687.2	14720.9
67.5°	3110.2	3231.9	4460.5	6220.4	7050.5	9341.7	20210.7	*24051.4*	24328.2	15761.3	10858.0
70°	2313.3	2368.6	3065.9	4814.7	5501.0	5434.5	13879.7	*19480.2*	19546.6	12606.8	6552.4
72.5°	1682.4	1693.5	2147.3	3564.0	4305.6	3707.9	7316.2	*14477.4*	14001.4	7382.6	3575.1
75°	1117.9	1162.2	1505.3	2512.5	3353.7	2722.8	3331.6	*8245.9*	8102.0	3608.3	2047.6
77.5°	819.1	830.1	1018.3	1682.4	2634.3	2003.4	2014.4	*3552.9*	3663.6	2147.3	1295.0
80°	464.9	487.0	664.1	1029.4	1715.6	1372.5	1129.0	*1715.6*	1970.2	1461.0	863.3
82.5°	276.7	298.8	475.9	675.2	1173.2	564.5	575.6	*940.8*	1173.2	1051.5	464.9
85°	166.0	177.1	298.8	365.3	697.3	376.3	210.3	*464.9*	608.8	619.8	254.6
87.5°	110.7	110.7	166.0	155.0	199.2	177.1	88.5	*121.8*	155.0	210.3	99.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0

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CATALOG NUMBER: GLAN-SB7C-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5965.8	5965.8	5965.8	5965.8	5965.8	5965.8	5965.8	5965.8	5965.8	5965.8	5965.8
2.5°	5999.0	5932.6	5733.4	5467.7	5224.2	5036.1	4803.6	4648.7	4504.8	4504.8	4383.1
5°	6142.9	5965.8	5478.8	4870.1	4217.0	3597.2	3198.7	2756.0	2612.1	2490.4	2512.5
7.5°	6386.4	6065.4	5202.1	4106.3	3065.9	2401.8	1959.1	1759.9	1671.3	1616.0	1627.0
10°	6685.3	6242.5	4870.1	3331.6	2257.9	1759.9	1549.6	1472.1	1438.9	1427.8	1427.8
12.5°	7094.8	6452.8	4538.0	2678.5	1782.0	1516.4	1405.7	1361.4	1328.2	1306.1	1306.1
15°	7581.8	6718.5	4150.6	2202.6	1560.6	1394.6	1306.1	1261.8	1217.5	1206.4	1206.4
17.5°	8201.6	6995.2	3807.5	1892.7	1449.9	1306.1	1217.5	1162.2	1129.0	1117.9	1117.9
20°	8887.9	7338.3	3464.4	1715.6	1372.5	1217.5	1129.0	1084.7	1051.5	1029.4	1040.4
22.5°	9762.3	7770.0	3243.0	1627.0	1306.1	1140.0	1051.5	1007.2	974.0	951.9	962.9
25°	10725.2	8312.3	3121.3	1627.0	1261.8	1084.7	985.1	940.8	907.6	885.5	885.5
27.5°	11898.4	8921.1	3132.3	1693.5	1250.7	1040.4	929.7	885.5	852.3	819.1	819.1
30°	13193.4	9640.5	3254.1	1815.2	1272.9	996.1	885.5	819.1	796.9	763.7	763.7
32.5°	14565.9	10470.6	3564.0	1970.2	1250.7	940.8	819.1	763.7	730.5	708.4	708.4
35°	16015.9	11411.4	3951.4	2036.6	1140.0	863.3	763.7	708.4	686.2	675.2	664.1
37.5°	17399.4	12230.5	4161.7	1903.8	996.1	796.9	697.3	642.0	630.9	608.8	608.8
40°	18473.0	12905.7	4039.9	1627.0	918.7	730.5	642.0	586.6	564.5	542.3	542.3
42.5°	19103.9	13149.2	3597.2	1383.5	863.3	664.1	586.6	531.3	509.1	498.1	498.1
45°	19469.2	13116.0	3077.0	1239.7	808.0	608.8	531.3	498.1	464.9	453.8	442.7
47.5°	19458.1	12772.8	2700.7	1117.9	752.6	564.5	498.1	464.9	431.7	420.6	420.6
50°	19380.6	12263.7	2280.1	1029.4	708.4	531.3	464.9	442.7	409.5	398.5	387.4
52.5°	19568.8	11975.9	1903.8	974.0	653.0	509.1	453.8	420.6	376.3	365.3	365.3
55°	19801.2	11809.9	1527.4	918.7	608.8	498.1	431.7	398.5	354.2	343.1	343.1
57.5°	19126.0	11179.0	1261.8	830.1	553.4	475.9	409.5	387.4	343.1	309.9	309.9
60°	17000.9	9242.0	1040.4	730.5	509.1	442.7	387.4	354.2	309.9	265.6	265.6
62.5°	13824.3	7050.5	863.3	619.8	475.9	409.5	354.2	321.0	265.6	210.3	210.3
64°	*12009.1*	*5988.0*	*774.8*	*542.3*	*453.8*	*376.3*	*321.0*	*287.8*	*232.4*	*177.1*	*166.0*
65°	10769.5	5290.7	719.4	509.1	442.7	354.2	309.9	276.7	210.3	166.0	155.0
67.5°	7581.8	3552.9	575.6	420.6	387.4	298.8	265.6	232.4	188.2	143.9	132.8
70°	4416.3	2014.4	453.8	354.2	298.8	232.4	221.4	210.3	166.0	110.7	110.7
72.5°	2401.8	1007.2	343.1	287.8	232.4	166.0	188.2	166.0	132.8	88.5	77.5
75°	1472.1	619.8	254.6	210.3	155.0	121.8	143.9	121.8	77.5	55.3	44.3
77.5°	985.1	398.5	188.2	143.9	99.6	77.5	99.6	66.4	33.2	11.1	11.1
80°	608.8	276.7	121.8	88.5	55.3	33.2	22.1	11.1	11.1	0.0	0.0
82.5°	265.6	177.1	66.4	44.3	22.1	11.1	11.1	0.0	0.0	0.0	0.0
85°	143.9	55.3	22.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	44.3	22.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

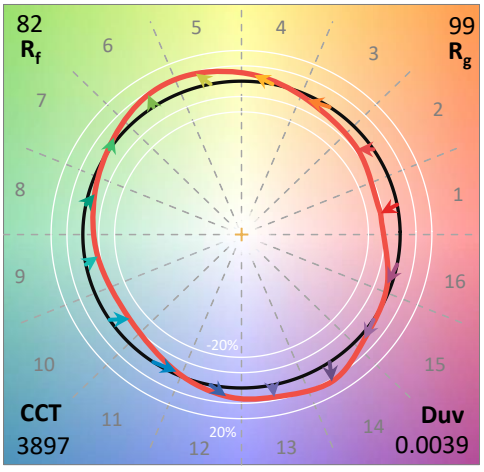
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

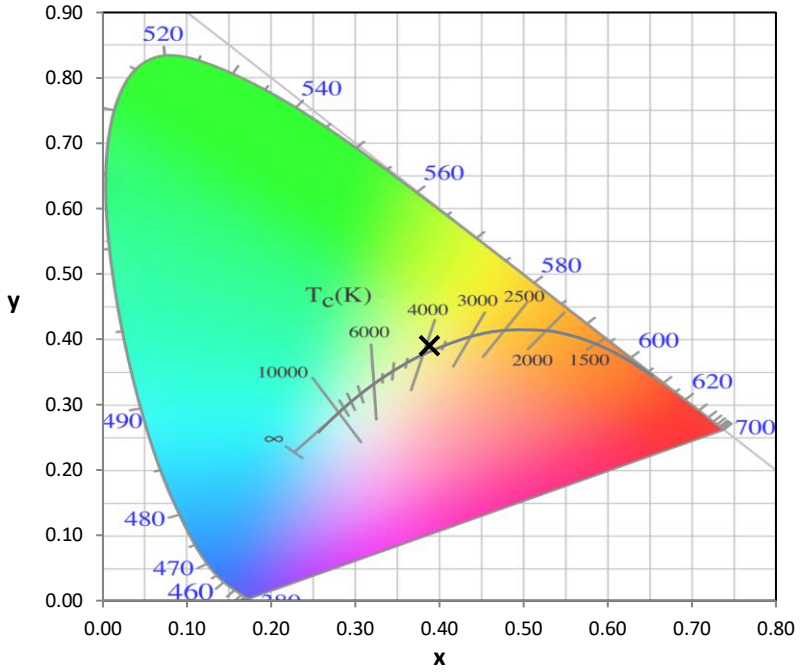
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

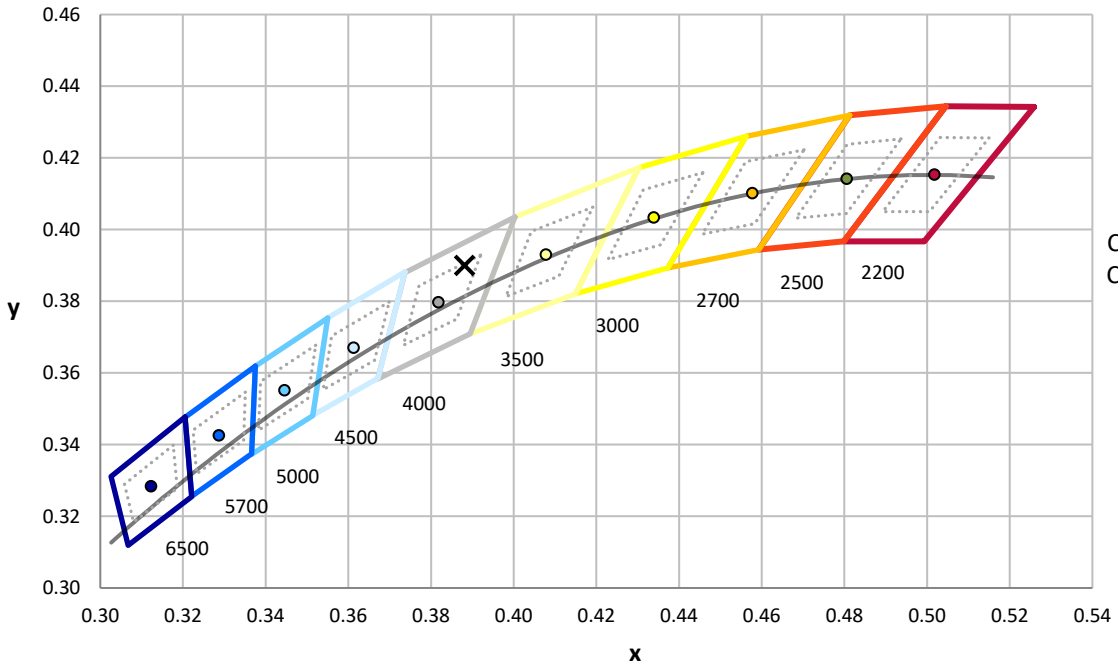
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

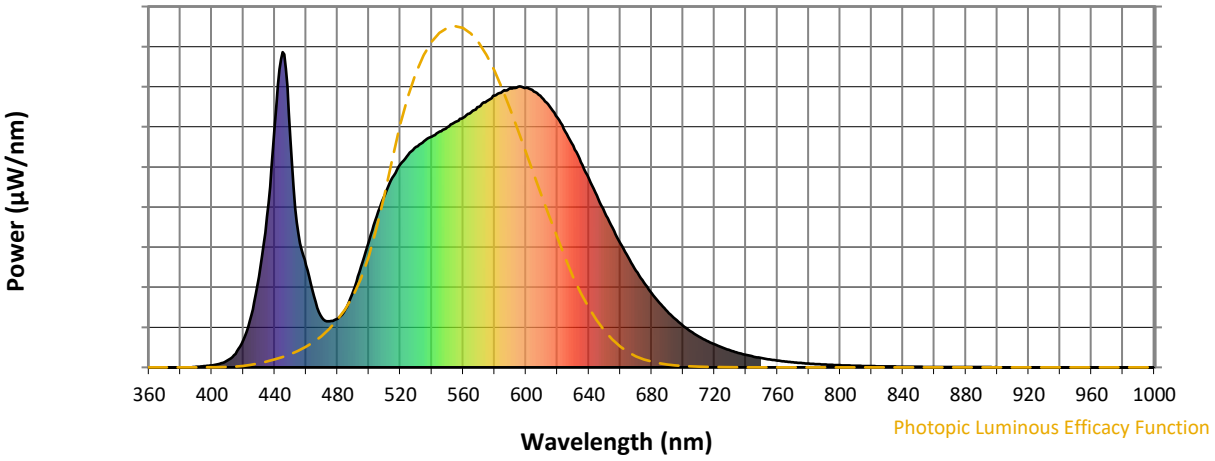


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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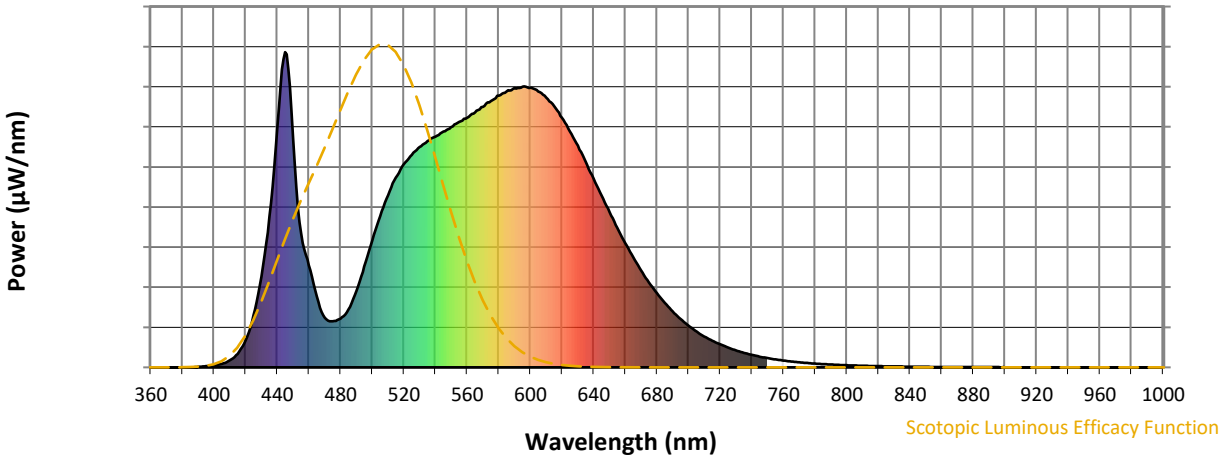
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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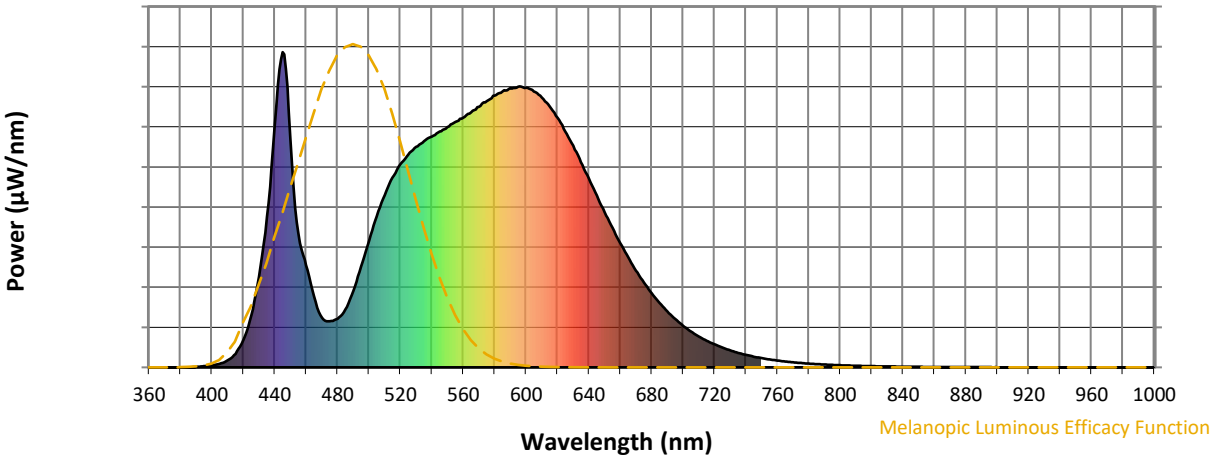
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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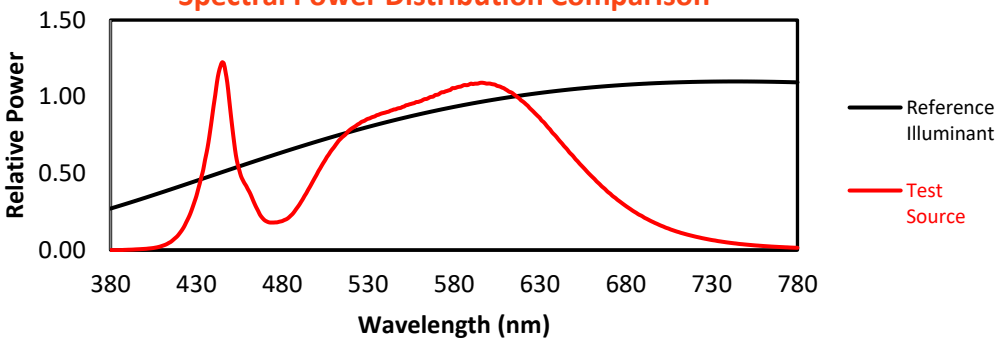
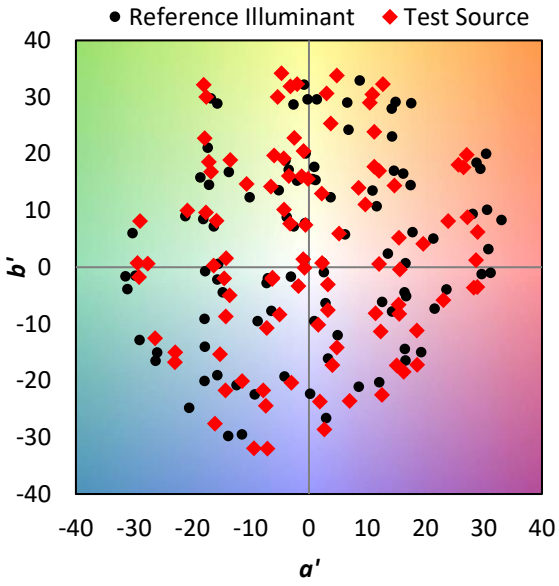
Summary

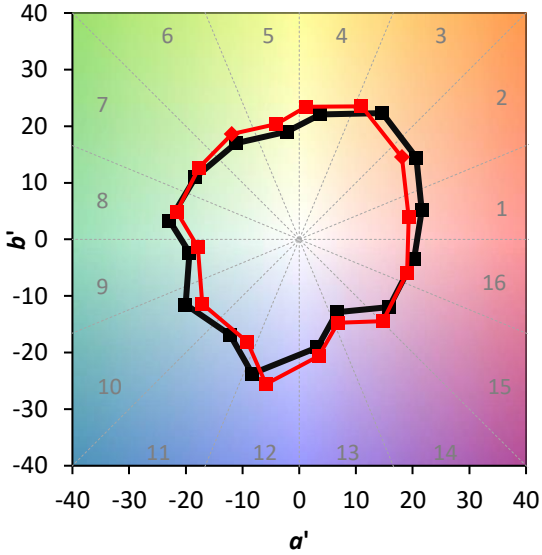
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

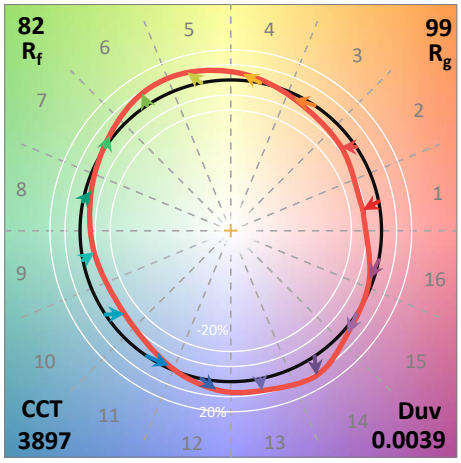
Spectral Power Distribution Comparison

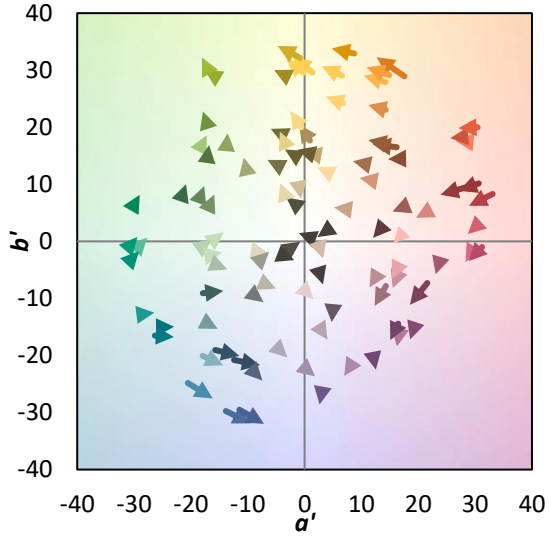


Color Vector Graphics









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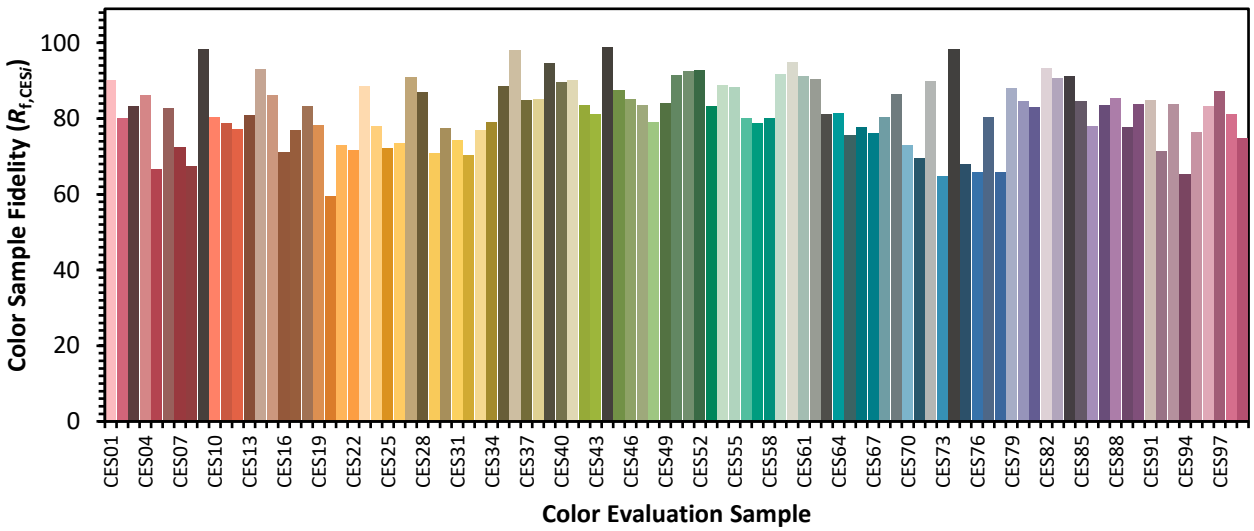
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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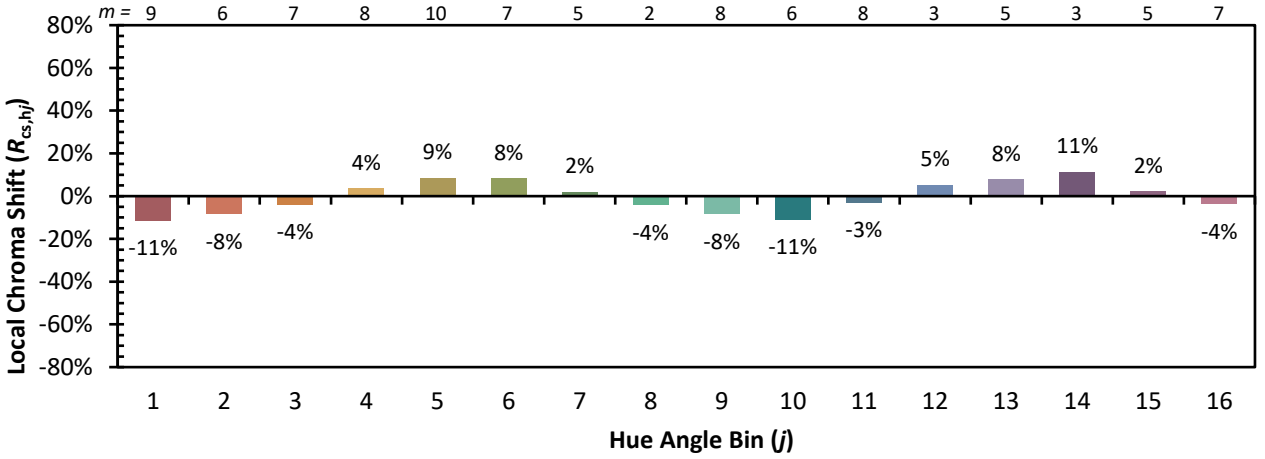
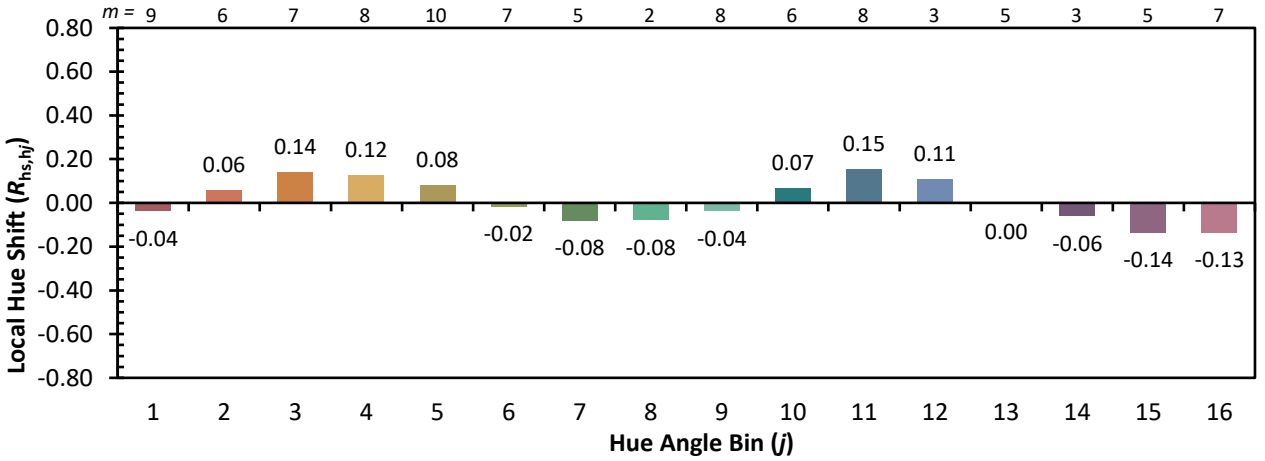
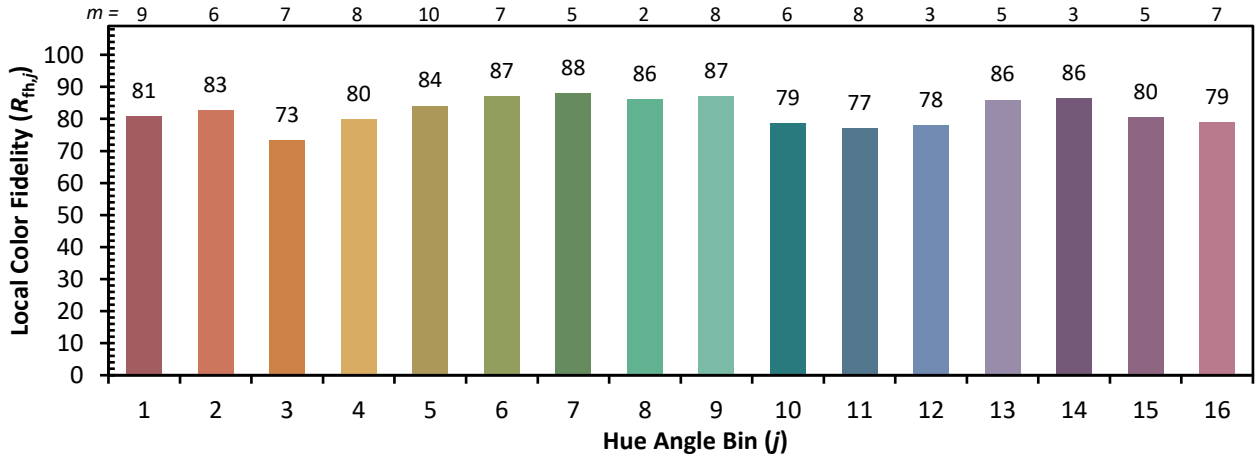
Color Rendition by Hue-Angle Bin







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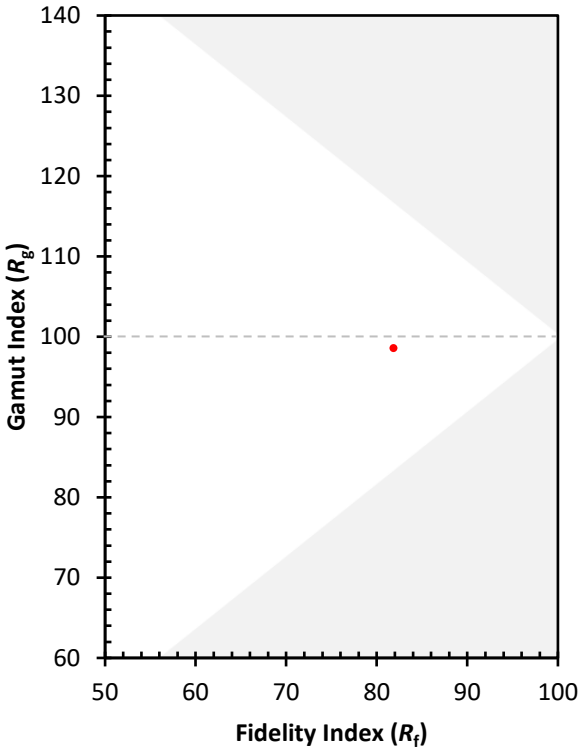
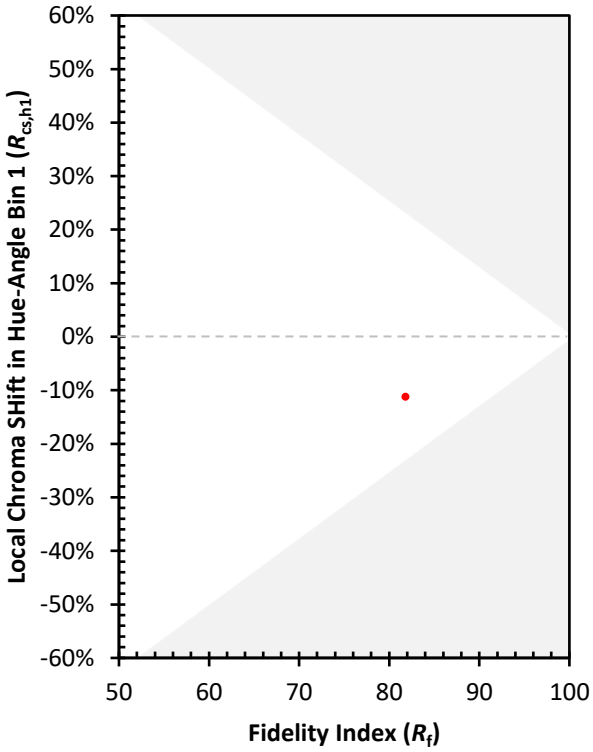
Measure Comparisons





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